## Contents of volume 18

## Number 1, July 1987

Y.K. Sora, N. Ogawa and A. Mori (Japan) Changes in rat liver cyclo(His-Pro) binding sites upon castration and testosterone administration (RPT 00580)	1
D. Boland and H.J. Goren (Canada) Binding and structural properties of oxytocin receptors in isolated rat epididymal adipocytes (RPT 00585)	7
I. Torres-Aleman, M. Fernández, L. Debeljuk and A.L. Charro (Spain and Argentina)	
Effect of [D-Trp <sup>6</sup> ]LHRH infusion on prolactin secretion by perifused rat pituitary cells (RPT 00586)	19
R.J. Unwin, J. Calam, W.S. Peart, C. Hanson, Y.C. Lee and S.R. Bloom (U.K.) Renal function during bovine neurotensin infusion in man (RPT 00587)	29
A. Tazi, R. Dantzer, M. Le Moal, J. Rivier, W. Vale and G.F. Koob (France and U.S.A.)	
Corticotropin-releasing factor antagonist blocks stress-induced fighting in rats (RPT 00589)	37
A. Lucas, S. Shuster, A.J. Thody, A.N. Eberle and J. Girard (U.K. and Switzerland)	
A comparison of structure–activity relations within α-MSH on melanophores of <i>Anolis carolinensis</i> and <i>Rana pipiens</i> (RPT 00590)	43
J. Fahrenkrug, J.H. Pedersen, Y. Yamashita, B. Ottesen, T. Hökfelt and J.M. Lundberg (Denmark and Sweden)	
Occurrence of VIP and peptide HM in human pancreas and their influence on pancreatic endocrine secretion in man (RPT 00588)	5
Announcements	6.

## Number 2, 3 August 1987

M.H. Perdue, R. Galbraith and J.S. Davison (Canada)	
Evidence for substance P as a functional neurotransmitter in guinea pig small intestinal mucosa (RPT 00591)	63
J.Y.H. Chan, S.H.H. Chan, C.F. Chen and C.D. Barnes (U.S.A. and Taiwan) Effects of bestatin on the central cardiovascular regulatory mechanisms in the rat (RPT 00592)	75
B. Shapiro, K.T. Borer, L.M. Fig and A.I. Vinik (U.S.A.)  Exercise-induced hyperphagia in the hamster is associated with elevated plasma somatostatin-like immunoreactivity (RPT 00593)	85
A.V. Ferguson and N.W. Kasting (Canada) Activation of subfornical organ efferents stimulates oxytocin secretion in the rat (RPT 00594)	93
P.K. Rangachari, D. McWade and B. Donoff (Canada)  Luminal tachykinin receptors on canine tracheal epithelium: functional subtyping (RPT 00596)	101
J.A. Williams and D.J. McChesney (U.S.A.) Cholecystokinin induces the interaction of its receptor with a guanine nucleotide binding protein (RPT 00597)	109
Announcement	118
Numbers 3–4, 17 August 1987	
G. Guillon, R.C. Gaillard, P. Kehrer, P. Schoenenberg, A.F. Muller and S. Jard (France and Switzerland)	
Vasopressin and angiotensin induce inositol lipid breakdown in rat adenohypophysial cells in primary culture (RPT 00595)	119
N. Fujio, M. Ohashi, H. Nawata, K. Kato, J. Tateishi, H. Matsuo and H. Ibayashi (Japan)	
Unique distributions of natriuretic hormones in dog brain (RPT 00598)	131
R.E. Carraway and S.P. Mitra (U.S.A.)	
Precursor forms of neurotensin (NT) in cat: processing with pepsin yields NT-(3-13) and NT-(4-13) (RPT 00599)	139

F. Lluis, G. Gomez, M. Fujimura, G.H. Greeley Jr., C.M. Townsend Jr. and J.C. Thompson (U.S.A.)	
Peptide YY interacts with secretin and duodenal acidification to inhibit gastric acid secretion (RPT 00601)	155
F.J. Vaccarino and K.E. Buckenham (Canada)	
Naloxone blockade of growth hormone-releasing factor-induced feeding (RPT 00602)	165
W.E. Nicholson, G.S. DeCherney, R.V. Jackson and D.N. Orth (U.S.A.) Pituitary and hypothalamic hormones in normal and neoplastic adrenal medullae: biologically active corticotropin-releasing hormone and corticotropin (RPT 00603)	173
A. Pecile, F. Guidobono, C. Netti, V. Sibilia, G. Biella and P.C. Braga (Italy)	
Calcitonin gene-related peptide: antinociceptive activity in rats, comparison with calcitonin (RPT 00604)	189
D.R. Roddy, T.R. Koch, W.M. Reilly, J.A. Carney and V.L.W. Go (U.S.A.) Identification and distribution of immunoreactive peptide YY in the human, canine, and murine gastrointestinal tracts: species-related antibody recognition differences (RPT 00605)	201
P. Hildebrand, C. Beglinger, E. Köhler, I. Setnikar and K. Gyr (Switzerland and Italy)	
Biological effects of a proglumide derivative as cholecystokinin antagonist in conscious dogs (RPT 00606)	213
M.H. Mogard, R. Kobayashi, T.D. Lee, C.F. Chen, M. Hagiwara, F. Leung, J.R. Reeve Jr., J.E. Shively and J.H. Walsh (U.S.A.)	
Neurotensin-like immunoreactivity generated by pepsin from human plasma and gastric tissue (RPT 00607)	221
J.D. Caldwell, G.A. Mason, D.A. Stanley, G. Jerdack, V.J. Hruby, P. Hill, A.J. Prange Jr. and C.A. Pedersen (U.S.A.)	
Effects of nonapeptide antagonists on oxytocin- and arginine-vasopressin-induced analgesia in mice (RPT 00609)	233
Announcement	242
Numbers 5-6, September 1987	
C. Post, J. Freedman, I. Paulsson and T. Hökfelt (Sweden)	
Antinociceptive effects in mice after intrathecal injection of a substance P receptor antagonist, Spantide: Lack of 'neurotoxic' action (RPT 00618)	243

B.E. Dunning, B. Ahren, G. Böttcher, F. Sundler and G.J. Taborsky Jr. (U.S.A. and Sweden)	
The presence and actions of NPY in the canine endocrine pancreas (RPT 00600)	253
A. Panconesi, P.L. Del Bianco, G. Franchi, B. Anselmi and R. Andreini (Italy) Somatostatin: peripheral venoconstrictive activity and interaction with monoamines in man (RPT 00608)	267
K. Tateishi, S. Sato, A. Kato, K. Suzuki, Y. Miura and Y. Matsuoka (Japan) Reduced somatostatin-like immunoreactivity in the brain of dogs with an Eck fistula (RPT 00610)	277
W.J. Snape Jr., S.T. Tan, H.W. Kao and P.E. Hyman (U.S.A.) Mechanism of neurotensin depolarization of rabbit colonic smooth muscle (RPT 00611)	287
M.H. Greider, D.W. Scharp and R.L. Gingerich (U.S.A.) Enhanced preservation of endosecretory granules in PP-cells of the canine pancreas (RPT 00612)	299
E.M. Schnuerer, T.J. McDonald and J. Dupre (Canada) Inhibition of insulin release by galanin and gastrin-releasing peptide in the anaesthetized rat (RPT 00614)	307
P. Geppetti, C.A. Maggi, S. Zecchi-Orlandini, P. Santicioli, A. Meli, S. Frilli, M.G. Spillantini and F. Amenta (Italy)	
Substance P-like immunoreactivity in capsaicin-sensitive structures of the rat thymus (RPT 00613)	321
Erratum	330
Contents of volume 18	331
Author index	335
Subject index	338
Abstracts of the 7th National Scientific Meeting of the Bayliss and Starling Society, Belfast, 28-29 September 1987	341

